

Wi-Fi Services

Description

One of StreamUnlimited's core competences is the field of wired and wireless connectivity for embedded systems and consumer applications. Among the various technologies, we have a vast experience in Wi-Fi (802.11b/g/n ...).

We are a design partner of various chip set suppliers. Project examples are porting and integration of Wi-Fi drivers into digital media adapters, TVs, Internet radios, logistics handhelds and remote controls. Further, complete stack developments for proprietary solutions are being offered.

Engineering Services

StreamUnlimited can take care of the complete development of your Wi-Fi products:

- Product requirements specification
- Product concepts and architecture
- Electronic development
- Antenna design, placement and optimization, performance testing
- Software development, porting, integration
- Software Test&Release
- EMC testing and product approbation
- Industrialization in Eastern Europe or China

Related Services

StreamUnlimited offers further services related to wireless technology such as:

EMC:

- EMC consultancy and concept work
- PCB and product design support
- Measurements of products and modules
- Analysis and fixing of EMC issues
- Pre-approbation measurements

Testing:

- Connected product testing
- Test planning & test cases definition
- Large test content database and content creation
- Bug reporting and tracking
- Test and status reporting
- Reviewing documents (specifications, manuals)

Applications

- Portable Media Players
- Internet Radios, digital media adapters
- iPod accessories
- Automotive
- Speakers
- Special diagnostics, test equipment
- Industrial applications
- etc.



Benefits

- StreamUnlimited is design partner of various chipset suppliers and has direct access to the development teams. Designs were made with:

- | | | |
|-----------|-----------|----------|
| • Atheros | • Marvell | • TI |
| • CSR | • Ralink | • others |

- Integrated offering with HW, SW, EMC, antenna optimization and performance measurements.
- StreamUnlimited's Connection Wizard library offers OS and connection standard independent application integration.

Other Wireless offerings

- Bluetooth
- RFID/NFC
- Wireless Audio Links
- Wireless charging

Further information

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